

## Student Aid Index (SAI) Calculation



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## Agenda

- 1. Student Aid Index (SAI) Overview
- 2. Formula A—Dependent Student Calculation
- 3. Resources
- 4. Questions





## STUDENT AID INDEX (SAI) OVERVIEW





## 2024-2025 Need Analysis Changes

Student Aid Index (SAI) replaces
Expected Family Contribution
(EFC)

Estimated Financial Assistance (EFA) becomes Other Financial Assistance (OFA)

Need Calculation = COA — SAI — OFA







#### STUDENT AID INDEX FORMULA

Allows for negative SAI up to -1,500

No allowance to prorate SAI for periods other than nine months Implements
separate Pell
Grant eligibility
determination







#### **UNTAXED INCOME AND BENEFITS**

#### **ITEMS REQUIRED:**

- IRA deductions and payments to selfemployed SEP, SIMPLE, and qualified plans
- Tax-exempt interest income
- Untaxed portion of IRA distributions and untaxed portion of pensions (excluding rollovers)
- Foreign income of U.S. citizens and permanent residents if that income was exempt from U.S. taxation or foreign income for which the individual received a foreign tax credit

#### **ITEMS REMOVED:**

- Payments to tax-deferred pensions and retirement savings plans
- Cash support (money received or paid on your behalf)
- Worker's compensation
- Housing/food allowance for military/clergy
- Veteran's noneducation benefits
- Child support received (now an asset)

*HEA* Citation: 480(b) and 401(b)(1)(D)







#### **INCOME OFFSETS**

#### **EXCLUDABLE INCOME ITEMS:**

- Education credits (American Opportunity Tax Credit and Lifetime Learning Tax Credit)
- Taxable college grant and scholarship aid reported to the IRS as income
- Income earned from work under Federal Work-Study

#### **ITEMS REMOVED:**

- Income earned from a cooperative education program
- Child support paid
- Special combat pay included in Adjusted Gross Income (AGI)
- Foster-care payments received from the Social Security Administration

*HEA* Citation: 480(e)





### **CHANGES TO ASSET INFORMATION**

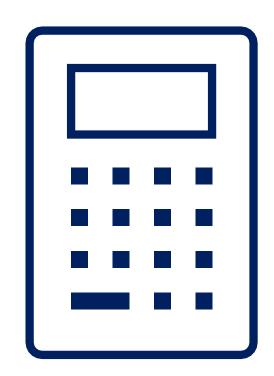
Expected Family Contribution (EFC)	Student Aid Index (SAI)
Contribution from Assets	Contribution from Assets
<ul> <li>Cash, savings, and checking</li> <li>Net worth of investments, including real estate (excluding primary residence)</li> <li>Adjusted net worth of business and/or farm (excluding businesses with fewer than 100 full- time employees or family farms)</li> </ul>	<ul> <li>Annual child support received</li> <li>Cash, savings, checking, time deposits, and money market funds</li> <li>Net worth of investments, including real estate (excluding primary residence)</li> <li>Adjusted net worth of business and/or farm</li> </ul>
Allowance against Assets	Allowance against Assets
Education savings and asset protection allowance	·





#### SAI CALCULATION ROUNDING RULES

- ✓ Carry each calculation to three decimal places
- ✓ Round to nearest whole number
- **✓** Round upward for results .500 to .999
- **✓** Round downward for results .001 to .499
- **✓** Round each intermediate value







## Let's try it together!





## FORMULA A-DEPENDENT STUDENTS CALCULATION





## STUDENT A's FAFSA® INFORMATION (1 of 2)

Which parent demographic and income data will we use to calculate the SAI?

#### PARENT DEMOGRAPHICS

**Marital Status = Married** 

Family Size = 4

Number in College = 1

**Age of Older Parent = 53** 

**State of Legal Residence = NC** 

**Tax Filing Status = Married Filing Jointly** 

#### **PARENT INCOME**

AGI = \$59,021

Parent 1 Earned Income = \$38,585

Parent 2 Earned Income = \$22,138

**Taxes Paid = \$812** 

Tax-exempt Interest = \$0

Child support received = \$0\*

Tax Deferred Pension \$32,971\*



<sup>\*</sup>No longer income



## STUDENT A's FAFSA® INFORMATION (2 of 2)

Which parent assets and student data will we use to calculate the SAI?

#### **PARENT ASSETS**

**Cash, Savings, Checking = \$0** 

**Investments Net Worth = \$0** 

**Business/Farm Net Worth = \$0** 

**Child Support Received = \$0** 

#### **STUDENT DATA**

**Tax Filing Status = Non-filer** 

Federal Work-Study= \$0

Cash, Savings, Checking, etc. = \$10,325





## STUDENT AID INDEX

#### Formula A – Dependent Student

#### Student Aid Index (SAI)

Parents' Contribution (line 19)		
Student's Contribution from Income (line 30)	+	
Student's Contribution from Assets (line 36)	+	
37. Student Aid Index (sum of lines 19, 30, and 36)		CVI
<ul> <li>If negative and &lt; -1,500, adjust to -1,500 (e.g., if -2,000 set to -1,500)</li> </ul>		SAI
<ul> <li>If negative and &gt;= -1,500, do not adjust (e.g., if -1,000 leave as -1,000)</li> </ul>		





# PARENT CONTRIBUTION FROM INCOME







### PARENT INCOME ADDITIONS

Parent Income Additions			
a. Parents' AGI		59,021	
b. Parents' Deductible Payments to IRA/KEOGH/Other	+	_	
c. Parents' Tax-Exempt Interest Income	+	_	
d. Parents' Untaxed Portions of IRA Distributions (Excluding rollovers; if less than zero, enter zero)	+	_	
e. Parents' Untaxed Portions of Pensions (Excluding rollovers; if less than zero, enter zero)	+	_	
<ul> <li>f. Parents' Foreign Income Exclusion         (reported on U.S. Tax Return; if less than zero, enter the absolute value)     </li> </ul>	. +	_	
1. Total Parent Income Additions (sum of lines a, b, c, d, e, and f)	=	59,021	





#### PARENT INCOME OFFSETS AND TOTAL INCOME

Parent Income Offsets			
g. Parents' Taxable College Grant and Scholarship Aid (reported as income)			
h. Parents' Education Credits	+		
i. Parents' Federal Work-study (FWS)	+		
2. Total Parent Income Offsets (sum of lines g, h, and i)		0	
3. Total Parent Income (line 1 minus line 2)			
<ul> <li>Total Parent Income Additions – Total Parent Income Offsets</li> </ul>			
<ul> <li>May be a negative number Line 1 \$59,021 — Line 2 \$0 = \$59,021</li> </ul>	=	59,021	







## ALLOWANCES AGAINST PARENTS' INCOME (1 of 4)

All	owances Against Parents' Income		
4.	Parents' U.S. Income Tax Paid (or Foreign Equivalent)		812
5.	Payroll Tax Allowance (Table A1)		
	a. Medicare's Hospital Insurance (HI) Program Tax Rate (Table A1: Step 1)		
	(If less than zero, put zero)	+	
	b. Old-age, survivors, & disability insurance (OASDI) Tax Rate (Table A1: Step 2)		
	(If less than zero, put zero)	+	
6.	Income Protection Allowance (Table A2)		
	<ul> <li>Use the calculated Family Size to determine the IPA</li> </ul>		
		+	
7.	Employment Expense Allowance (EEA)		
	• The lesser of:		
	<ul> <li>35% of parents' combined earned income, OR</li> </ul>		
	o \$4,730	+	
8.	Total Parent Allowances Against Income (sum lines 4, 5a, 5b, 6, and 7)	=	







## TABLE A1. PAYROLL TAX ALLOWANCE (1 of 2)

Tax Rate Program	Tax Rate
Step 1: Medicare's Hospital Insurance (HI) Program Tax Rate	<ul> <li>If Parent filed as Married-Filed Joint Return (MFJ):</li> <li>1.45% of parents' combined earned income up to \$250,000, (+) plus</li> <li>2.35% of parents' combined earned income over \$250,000</li> </ul>

#### **Calculation**

Combined earned income: \$38,585 (parent 1) + \$22,138 (parent 2) = \$60,723

a) \$60,723 x 0.0145 (1.45%) = \$880.484 (round to \$880)







### **ALLOWANCES AGAINST PARENTS' INCOME (2 of 4)**

All	owances Against Parents' Income		
4.	Parents' U.S. Income Tax Paid (or Foreign Equivalent)		812
5.	Payroll Tax Allowance (Table A1)		
	a. Medicare's Hospital Insurance (HI) Program Tax Rate (Table A1: Step 1)		
	(If less than zero, put zero)	+	880
	b. Old-age, survivors, & disability insurance (OASDI) Tax Rate (Table A1: Step 2)		
	(If less than zero, put zero)	+	
6.	Income Protection Allowance (Table A2)		
	<ul> <li>Use the calculated Family Size to determine the IPA</li> </ul>		
		+	
7.	Employment Expense Allowance (EEA)		
	The lesser of:		
	<ul> <li>35% of parents' combined earned income, OR</li> </ul>		
	o \$4,730	+	
8.	Total Parent Allowances Against Income (sum lines 4, 5a, 5b, 6, and 7)	=	







## TABLE A1. PAYROLL TAX ALLOWANCE (2 of 2)

Tax Rate Program	Tax Rate
Step 2: Old-age,	If Parent:
survivors, and disability insurance (OASDI) Tax Rate	<ul> <li>For those reporting a single parental income, 6.2% of parent's total earned income up to Contributions and Benefit Base of \$147,000 for Tax Year 2022. If parent's total earned income exceeds \$147,000, then input \$9,114*.</li> </ul>
	<ul> <li>For those reporting two parental incomes or whose parents filed a joint return, 6.2% of parents total earned income up to Contributions and Benefit Base of \$294,000 for Tax Year 2022. If parents' total earned income exceeds \$294,000, then input \$18,228*.</li> </ul>

#### **Calculation**

Total earned income = \$60,723

 $$60,723 \times 0.062 (6.2\%) = $3,764.826 (rounded to $3,765)$ 







### **ALLOWANCES AGAINST PARENTS' INCOME (3 of 4)**

All	owances Against Parents' Income		
4.	Parents' U.S. Income Tax Paid (or Foreign Equivalent)		812
5.	Payroll Tax Allowance (Table A1)		
	a. Medicare's Hospital Insurance (HI) Program Tax Rate (Table A1: Step 1)		
	(If less than zero, put zero)	+	880
	b. Old-age, survivors, & disability insurance (OASDI) Tax Rate (Table A1: Step 2)		
	(If less than zero, put zero)	+	3,765
6.	Income Protection Allowance (Table A2)		,
	<ul> <li>Use the calculated Family Size to determine the IPA</li> </ul>		
		+	
7.	Employment Expense Allowance (EEA)		
	• The lesser of:		
	<ul> <li>35% of parents' combined earned income, OR</li> </ul>		
	o <b>\$4,730</b>	+	
8.	Total Parent Allowances Against Income (sum lines 4, 5a, 5b, 6, and 7)	=	







#### TABLE A2. INCOME PROTECTION ALLOWANCE

Table A2: Income Protection Allowance

Family Size (including student)	Income Protection Allowance Amount
2	\$27,600
3	\$34,350
4	\$42,430
5	\$50,060
6	\$58,560

Note: For each additional household member, add \$6,610.

#### **Calculation**

Family size = 4

\$42,430







## **ALLOWANCES AGAINST PARENTS' INCOME (4 of 4)**

Allowances Against Parents' Income			
4.	Parents' U.S. Income Tax Paid (or Foreign Equivalent)		812
5.	Payroll Tax Allowance (Table A1)		
	a. Medicare's Hospital Insurance (HI) Program Tax Rate (Table A1: Step 1)	8	
	(If less than zero, put zero)	+	880
	b. Old-age, survivors, & disability insurance (OASDI) Tax Rate (Table A1: Step 2)		
	(If less than zero, put zero)	+	3,765
6.	Income Protection Allowance (Table A2)		
	<ul> <li>Use the calculated Family Size to determine the IPA</li> </ul>		
		+	42,430
7.	Employment Expense Allowance (EEA) Parent 1 Income = \$38,585		
	• The lesser of: Parent 2 Income = \$22,138		
	<ul> <li>35% of parents' combined earned income, OR Total Income = \$60,723</li> </ul>		
	<pre>\$4,730</pre> \$60,723 x 0.35 = \$21,253.05	+	4,730
8.	8. Total Parent Allowances Against Income (sum lines 4, 5a, 5b, 6, and 7)		52,617







## PARENTS' AVAILABLE INCOME

Parents' Available Income (PAI)		
Total Parent Income (line 3)		
Total Parent Allowances Against Income (line 8)		52,617
9. Parent Available Income (line 3 minus line 8)	=	6,404
<ul> <li>May be a negative number</li> </ul>		





# PARENT CONTRIBUTION FROM ASSETS



## PARENT CONTRIBUTION FROM ASSETS (1 of 2)

Parent Contribution from Assets		
10. Annual child support received for the last complete calendar year		
11. Cash, savings, and checking accounts	+	
12. Net worth of investments		
<ul> <li>Includes: time deposits, money market funds, real estate (excluding primary residence), vacation homes, income producing property, trusts, stocks, bonds, derivatives, securities, mutual funds, tax shelters, and qualified education benefits</li> </ul>		
If negative, enter zero	+	
13. Adjusted net worth of business and/or farm (Table A3)		
<ul> <li>Net worth of business and/or farm multiplied by the applicable adjustment in Table A3</li> </ul>	+	
14. Net worth (sum of lines 10, 11, 12, and 13)	=	0
15. Asset Protection Allowance (APA) (Table A4)	-	
16. Asset Conversion Rate (12%)	x	0.12
17. Parent Contribution from Assets (PCA)		
<ul> <li>(Line 14 minus line 15) times line 16</li> </ul>		
If negative, enter zero	=	





## TABLE A4. ASSET PROTECTION ALLOWANCE (APA)

Table A4: Asset Protection Allowance (Parents Only)

•	Allowance if there are two parents**	Allowance if there is only one parent		Allowance if there are two parents**	Allowance if there is only one parent
25 or less	\$0	\$0	46	\$0	\$0
26	\$0	\$0	47	\$0	\$0
27	\$0	\$0	48	\$0	\$0
28	\$0	\$0	49	\$0	\$0
29	\$0	\$0	50	\$0	\$0
30	\$0	\$0	51	\$0	\$0
31	\$0	\$0	52	\$0	\$0
32	\$0	\$0	53	\$0	\$0
33	\$0	\$0		\$0	\$0

Age of older parent as of 12/31/2023*	Allowance if there are two parents**	Allowance if there is only one parent
53	\$0	\$0



## PARENT CONTRIBUTION FROM ASSETS (3 of 3)

10. Annual child support received for the last complete calendar year		
11. Cash, savings, checking accounts, time deposits, and money market funds	+	
12. Net worth of investments		
<ul> <li>Includes: real estate (excluding primary residence), vacation homes, income</li> </ul>		
producing property, trusts, stocks, bonds, derivatives, securities, mutual funds,		
tax shelters, and qualified education benefits.		
If negative, enter zero	+	
13. Adjusted net worth of business and/or farm (Table A3)		
<ul> <li>Net worth of business and/or farm multiplied by the applicable adjustment in</li> </ul>		
Table A3.	+	
14. Net worth (sum of lines 10, 11, 12, and 13)	=	0
15. Asset Protection Allowance (APA) (Table A4)	-	0
16. Asset Conversion Rate (12%)	Х	0.12
17. Parent Contribution from Assets (PCA)		
• (Line 14 minus line 15) times line 16 $\$0 - \$0$ (APA) = $\$0 \times 0.12 = \$0$		
If negative, enter zero	=	0





# TOTAL PARENT CONTRIBUTION







## TOTAL PARENT CONTRIBUTION (1 of 2)

#### **Total Parent Contribution**

Parent Adjusted Available Income (PAAI)		
Parents' Available Income (line 9)		6,404
Parents' Contribution from Assets (line 17)	+	0
18. Parent Adjusted Available Income (PAI plus PCA)		2
May be a negative number	=	6,404
Parents' Contribution (PC)		
19. Parents' Contribution (Table A5)		20
<ul> <li>Adjust PAAI (line 18) using Table A5.</li> </ul>	=	







#### TABLE A5. PARENTS' CONTRIBUTION FROM AAI

Table A5: Parents' Contribution from Adjusted Available Income



If the parents' AAI is	Then the parents' contribution from AAI is
Less than -\$6,820	-\$1,500
-\$6,820 to \$20,600	22% of AAI
\$20,601 to \$25,800	\$4,532 + 25% of AAI over \$20,600
\$25,801 to \$31,000	\$5,832 + 29% of AAI over \$25,800
\$31,001 to \$36,300	\$7,340 + 34% of AAI over \$31,000
\$36,301 to \$41,500	\$9,142 + 40% of AAI over \$36,300
\$41,501 or more	\$11,222 + 47% of AAI over \$41,500

#### **Calculation**

AAI = \$6,404

- 1) \$6,404 x 22% = \$1,408.88
- 2) Round \$1,409





## **TOTAL PARENT CONTRIBUTION (2 of 2)**

#### **Total Parent Contribution**

Parent Adjusted Available Income (PAAI)		
Parents' Available Income (line 9)		6,404
Parents' Contribution from Assets (line 17)	+	0
18. Parent Adjusted Available Income (PAI plus PCA)		-
May be a negative number	=	6,404
Parents' Contribution (PC)		
19. Parents' Contribution (Table A5)		91
<ul> <li>Adjust PAAI (line 18) using Table A5.</li> </ul>	=	1,409





# STUDENT CONTRIBUTION FROM INCOME







### STUDENT INCOME ADDITIONS

Student Income Additions				
a.	Student AGI			
b.	Student Deductible Payments to IRA/KEOGH/Other	+	<del>_</del>	
C.	Student Exempt Interest Income	+		
d.	Student Untaxed Portions of IRA Distributions (Excluding rollovers; if less than zero, enter zero)	+	_	
e.	Student Untaxed Portions of Pensions (Excluding rollovers; if less than zero, enter zero)	+	_	
f.	Student Foreign Income Exclusion (reported on U.S. Tax Return; if less than zero, enter the absolute value)	+	_	
20. To	tal Student Income Additions (sum of lines a, b, c, d, e, and f)	=	0	







## STUDENT INCOME OFFSETS

Student Income Offsets	•	
<ul> <li>g. Student College Grant and Scholarship Aid (reported as income)</li> </ul>		_
h. Student Education Credits	+	
i. Student Federal Work-study (FWS)	+	
21. Total Student Income Offsets (sum of lines g, h, and i)	=	
22. Total Student Income (line 20 minus line 21)		
<ul> <li>Total Student Income Additions – Total Student Income Offsets</li> </ul>		0
May be a negative number	=	







#### **ALLOWANCES AGAINST STUDENT INCOME**

Allowances Against Student Income  Non-tax filer = \$0 taxes paid		
23. Student U.S. Income Tax Paid (or Foreign Equivalent)		
24. Payroll Tax Allowance (Table A1)		
<ul> <li>a. Medicare's Hospital Insurance (HI) Program Tax Rate (Table A1: Step 1)</li> </ul>		_
<ul> <li>b. Old-age, survivors, &amp; disability insurance (OASDI) Tax Rate (Table A1: Step 2)</li> </ul>	+	_
25. Income Protection Allowance		11,130
26. Allowance for parents' negative adjusted available income  a. If line 18 is negative, enter line 18 as a positive number		_
b. If line 18 is zero or positive, enter zero Line 18 = 7,134	+	0
<ol> <li>Total Student Allowances Against Income (sum lines 23, 24a, 24b, 25, and 26)</li> </ol>	=	11,130







#### STUDENT'S CONTRIBUTION FROM INCOME

Student's Contribution from Income		
Total Student Income (line 22)		0
Total Student Allowances Against Income (line 27)	-	11,130
28. Student Available Income (line 22 minus line 27) $0 - 11,130 = -11,130$		
May be a negative number	=	-11,130
29. Assessment of Student Available Income (50%) $-11,130 \times 0.50 = -5,565$	Х	0.50
30. Student's Contribution from Income (line 28 times line 29)		
<ul> <li>If negative and &lt; -1,500, adjust to -1,500 (e.g., if -2,000 set to -1,500)</li> </ul>		
<ul> <li>If negative and &gt;= -1,500, do not adjust (e.g., if -1,000 leave as -1,000)</li> </ul>	=	-1,500





# STUDENT CONTRIBUTION FROM ASSETS







# STUDENT CONTRIBUTION FROM ASSETS

Student Contribution from Assets		
31. Cash, savings, and checking accounts		10,325
32. Net worth of investments		
<ul> <li>Includes: time deposits, money market funds, real estate (excluding primary residence), vacation homes, income producing property, trusts, stocks, bonds, derivatives, securities, mutual funds, tax shelters, and qualified education benefits</li> </ul>		
If negative, enter zero		
33. Adjusted net worth of business and/or farm (Table A3)		
<ul> <li>Net worth of business and/or farm multiplied by the applicable adjustment in Table A3</li> </ul>		_
34. Net worth (sum of lines 31, 32, and 33)	=	10,325
35. Asset Conversion Rate (20%) 10,325 x 0.20 = 2,065	Х	0.20
36. Student Contribution from Assets (SCA)		
Line 34 times line 35		
If negative, enter zero	=	2,065





# STUDENT AID INDEX (SAI)







#### STUDENT AID INDEX

#### Student Aid Index (SAI)

Parents' Contribution (line 19)		1,409
Student's Contribution from Income (line 30)	+	-1,500
Student's Contribution from Assets (line 36)	+	2,065
37. Student Aid Index (sum of lines 19, 30, and 36)	=	
<ul> <li>If negative and &lt; -1,500, adjust to -1,500 (e.g., if -2,000 set to -1,500)</li> </ul>		1,974
<ul> <li>If negative and &gt;= -1,500, do not adjust (e.g., if -1,000 leave as -1,000)</li> </ul>		





# FORMULA A 2023-2024 EFC vs. 2024-2025 SAI







#### DATA USED FOR 2023-2024 EFC CALCULATION (1 of 2)

- PARENT DEMOGRAPHICS
- Marital Status = Married
- Household Size = 4
- Number in College = 1
- Age of Older Parent = 53
- State of Legal Residence = NC
- Tax Filing Status = Married Filing Jointly

#### PARENT INCOME

- AGI = \$59,021
- Parent 1 Earned Income = \$38,585
- Parent 2 Earned Income = \$22,138
- Taxes Paid = \$812
- Tax-exempt Interest = \$0
- Child Support Received = \$0
- Payments to Retirement Savings = \$32,971







### DATA USED FOR 2023-2024 EFC CALCULATION (2 of 2)

#### **PARENT ASSETS**

Cash, Savings, Checking, etc. = \$0

Investments Net Worth = \$0

#### **STUDENT DATA**

Tax Filing Status = Non-filer

AGI = \$0

Taxed Paid = \$0

Earned Income = \$0

Cash, Savings, Checking, etc. = \$10,325







## **EFC vs. SAI COMPARISON**

Intermediate values / EFC / SAI	2023-2024 EFC Formula A	2024–25 SAI Formula A
Parents' Available Income	48,492	6,404
Parents' Contribution from Assets	0	0
Parents' Contribution	15,716	1,409
Student's Contribution from (Available) Income	0	-1,500
Student's Contribution from Assets	2,047	2,065
Expected Family Contribution (EFC)	17,763	_
Student Aid Index (SAI)	_	1,974







#### EFC vs. SAI and OLD SAI COMPARISON

Intermediate values / EFC / SAI	2023-2024 EFC Formula A	2024–25 SAI Formula A
Parents' Available Income	48,492	6,404 <b>13,694</b>
Parents' Contribution from Assets	0	0
Parents' Contribution	15,716	1,409 <b>3,013</b>
Student's Contribution from (Available) Income	0	-1,500
Student's Contribution from Assets	2,047	2,065
Expected Family Contribution (EFC)	17,763	_
Student Aid Index (SAI)	_	1,974 3,580





#### **RESOURCES**

FSA Partners FAFSA Simplification Resources

NASFAA Resources

NASFAA SAI Case Studies

NASFAA Deep Dive: Why Did the SAI Inflation Adjustments Reduce the Asset Protection Allowance to Zero?

NASFAA Deep Dive into the Student Aid Index





#### **Thank You!**